

Appln No. 10/760,255  
 Amdt. Dated February 27, 2006  
 Response to Office Action of December 1, 2005

2

### Amendments to the Specification:

The Paragraph beginning at Page 1, lines 8-39, through to Page 2, lines 1-8, is to be amended as follows:

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention simultaneously with the present application:

<u>10/760230WAL01US</u>	<u>10/760225WAL02US</u>	<u>10/760224WAL03US</u>
<u>10/760242WAL04US</u>	<u>10/760228WAL05US</u>	<u>10/760250WAL06US</u>
<u>10/760215WAL07US</u>	<u>10/760256WAL08US</u>	<u>10/760257WAL09US</u>
<u>10/760240WAL10US</u>	<u>10/760251WAL11US</u>	<u>10/760266WAL12US</u>
<u>10/760239WAL13US</u>	<u>10/760193WAL14US</u>	<u>10/760214WAL15US</u>
<u>10/760260WAL16US</u>	<u>10/760226WAL17US</u>	<u>10/760269WAL18US</u>
<u>10/760199WAL19US</u>	<u>10/760241WAL20US</u>	<u>10/760272MPA01US</u>
<u>10/760273MPA02US</u>	<u>10/760187MPA03US</u>	<u>10/760182MPA04US</u>
<u>10/760188MPA05US</u>	<u>10/760218MPA06US</u>	<u>10/760217MPA07US</u>
<u>10/760216MPA08US</u>	<u>10/760233MPA09US</u>	<u>10/760246MPA10US</u>
<u>10/760212MPA11US</u>	<u>10/760243MPA12US</u>	<u>10/760201MPA13US</u>
<u>10/760185MPA14US</u>	<u>10/760253MPA15US</u>	<u>10/760209MPA17US</u>
<u>10/760208MPA18US</u>	<u>10/760194MPA19US</u>	<u>10/760238MPA20US</u>
<u>10/760234MPA21US</u>	<u>10/760235MPA22US</u>	<u>10/760183MPA23US</u>
<u>10/760189MPA24US</u>	<u>10/760262MPA25US</u>	<u>10/760232MPA26US</u>
<u>10/760231MPA27US</u>	<u>10/760200MPA28US</u>	<u>10/760190MPA29US</u>
<u>10/760191MPA30US</u>	<u>10/760227MPA31US</u>	<u>10/760207MPA32US</u>
<u>10/760181MPA33US</u>	<u>10/760254RRA01US</u>	<u>10/760210RRA02US</u>
<u>10/760202RRA03US</u>	<u>10/760197RRA04US</u>	<u>10/760198RRA05US</u>
<u>10/760249RRA06US</u>	<u>10/760263RRA07US</u>	<u>10/760196RRA08US</u>
<u>10/760247RRA09US</u>	<u>10/760223RRA10US</u>	<u>10/760264RRA11US</u>
<u>10/760244RRA12US</u>	<u>10/760245RRA13US</u>	<u>10/760222RRA14US</u>
<u>10/760248RRA15US</u>	<u>10/760236RRA16US</u>	<u>10/760192RRA17US</u>
<u>10/760203RRA18US</u>	<u>10/760204RRA19US</u>	<u>10/760205RRA20US</u>
<u>10/760206RRA21US</u>	<u>10/760267RRA22US</u>	<u>10/760270RRA23US</u>
<u>10/760259RRA24US</u>	<u>10/760271RRA25US</u>	<u>10/760275RRA26US</u>
<u>10/760274RRA27US</u>	<u>10/760268RRA28US</u>	<u>10/760184RRA29US</u>
<u>10/760195RRA30US</u>	<u>10/760186RRA31US</u>	<u>10/760261RRA32US</u>
<u>10/760258RRA33US</u>	<u>10/760180SMA04US</u>	<u>10/760229SMA02US</u>
<u>10/760213SMA03US</u>	<u>10/760219SMA04US</u>	<u>10/760237SMA05US</u>
<u>10/760221SMA06US</u>	<u>10/760220SMA07US</u>	<u>10/760211SMA08US</u>
<u>10/760252SMA09US</u>	<u>10/760265SMA10US</u>	

Appl No. 10/760,255  
Amdt. Dated February 27, 2006  
Response to Office Action of December 1, 2005

3

The disclosures of these co-pending applications are incorporated herein by cross-reference. ~~Each application is temporarily identified by its docket number. This will be replaced by the corresponding USPN when available.~~

**The Paragraph beginning at Page 13, lines 7-11, is to be amended as follows:**

As can be seen particularly in Figs. 17A to ~~17C~~ and 17B, the support 91 includes lugs 92 on upper and lower surfaces thereof which communicate with the lugs 27a and 28a for securing the support 91 against the inner frame wall 25 of the support frame 22. A base portion 93 of the support 91, is arranged to extend along the arm portion 28 of the support frame 22, and is seated on the top surfaces of the lugs 28a and 28b of the arm portion 28 (see Fig. 15B) when mounted on the support frame 22.

**The Paragraph beginning at Page 14, lines 25-32, is to be amended as follows:**

Referring again to Figs. 16 to ~~17C~~ 17B, the support 91 further includes a channel portion 95 in the upper portion thereof. In the exemplary embodiment illustrated, the channel portion 95 includes three channelled recesses 95a, 95b and 95c. The channelled recesses 95a, 95b and 95c are provided so as to accommodate three longitudinally extending electrical conductors or busbars 71, 72 and 73 (see Fig. 2) which form the power supply 70 (see Fig. 3) and which extend along the length of the printhead assembly 10. The busbars 71, 72 and 73 are conductors which carry the power required to operate the printhead integrated circuits 51 and the drive electronics 100 located on the PCB 90 (shown in Fig. 18A and described in more detail later), and may be formed of copper with gold plating, for example.

**The Paragraph beginning at Page 17, lines 6-16, is to be amended as follows:**

Returning to Fig. 22C, in which one of the extending arm portions 94 is illustrated. An enlarged view of this extending arm portion 94 is shown in Fig. 22E. The extending arm portion 94 is configured so as to be substantially L-shaped, with the foot section of the L-shape located so as to fit over the inner side wall 29 of the channel 21 and the longitudinally extending tab 43 of the fluid channel member 40 of the printhead module 30 arranged thereon. As shown in Fig. 22E, the end of the foot section of the L-shape has an arced surface. This surface corresponds to the edge of a recessed portion 94a provided in each the extending arm portions 94, the centre of which is positioned substantially at the line II-II in Fig. 22 (see Figs. 16 and ~~17C~~ 17B). The recessed portions 94a are arranged so as to engage with angular lugs 43a regularly spaced along the length of the longitudinally extending tabs 43 of the fluid channel member 40 (Fig. 4A), so as to correspond with the placement of the printhead tiles 50, when the extending arm portions 94 are clipped over the fluid channel member 40.

Appn No. 10/760,255  
 Amdt. Dated February 27, 2006  
 Response to Office Action of December 1, 2005

4

**The Paragraph beginning at Page 17, lines 38-39, through to Page 18, lines 1-6, is to be amended as follows:**

Further still, as also shown in Figs. 22C and 22E, the (upper) lug 92 of the support 91 has an inner surface 92a which is also slightly angled from the normal of the plane of the support 91 in a direction away from the support 91. As shown in Figs. 17B and 17C, the upper lugs 92 are formed as resilient members which are able to hinge with respect to the support 91 with a spring-like action. Consequently, when mounted to the casing 20, a slight force is exerted against the lug 27a of the uppermost face 27 of the support frame 22 which assists in securing the support 91 to the support frame 22 of the casing 20 by biasing the (lower) lug 92 into the recess formed between the lower part of the inner surface 25 and the lug 28a of the arm portion 28 of the support frame 22.

**The Paragraph beginning at Page 21, lines 38-39, through to Page 22, lines 1-6, is to be amended as follows:**

This is facilitated by using a support member 112 as shown in Fig. 33A, which has a raised portion 112a and a recessed portion 112b at one edge thereof which is arranged to align with the raised and recessed portions 91a and 91b, respectively, of the end PCB support 91 (see Fig. 24). The support member 112 is attached to the rear surface of the end PCB support 91 by engaging a tab 112c with a slot region 91c on the rear surface of the end PCB support 91 (see Figs. 17B and 17C Fig. 17B), and the region 115c of the connector arrangement 115 is retained at upper and lower side surfaces thereof by clip portions 112d of the support member 112 so as that the connection regions of the region 115c are in substantially the same plane as the edge contacting regions on the underside of the end PCB 90.

**The Paragraph beginning at Page 32, lines 17-37, is to be amended as follows:**

Exemplary nozzle arrangements which are suitable for the printhead assembly of the present invention are described in the Applicant's following co-pending and granted applications:

U.S. Patent Nos. 6,188,415; 6,209,989; 6,213,588; 6,213,589; 6,217,153; 6,220,694; 6,227,652; 6,227,653; 6,227,654; 6,231,163; 6,234,609; 6,234,610; 6,234,611; 6,238,040; 6,338,547; 6,239,821; 6,241,342; 6,243,113; 6,244,691; 6,247,790; 6,247,791; 6,247,792; 6,247,793; 6,247,794; 6,247,795; 6,247,796; 6,254,220; 6,257,704; 6,257,705; 6,260,953; 6,264,306; 6,264,307; 6,267,469; 6,283,581; 6,283,582; 6,293,653; 6,302,528; 6,312,107; 6,336,710; 6,362,843; 6,390,603; 6,394,581; 6,416,167; 6,416,168; 6,557,977; 6,273,544; 6,299,289; 6,299,290; 6,309,048; 6,378,989; 6,420,196; 6,425,654; 6,439,689; 6,443,558; and 6,634,735, U.S. Patent Application No. 6,848,181; 09/425,420, U.S. Patent Nos. 6,623,101; 6,406,129; 6,457,809; 6,457,812; 6,505,916; 6,550,895; 6,428,133; 6,305,788; 6,315,399; 6,322,194; 6,322,195; 6,328,425; 6,328,431; 6,338,548; 6,364,453; 6,383,833; 6,390,591; 6,390,605; 6,417,757; 6,425,971; 6,426,014; 6,428,139; 6,428,142; 6,439,693; 6,439,908; 6,457,795; 6,502,306; 6,565,193; 6,588,885; 6,595,624; 6,460,778; 6,464,332; 6,478,406; 6,480,089; 6,540,319; 6,575,549; 6,609,786; 6,609,787; 6,612,110; 6,623,106; 6,629,745; 6,652,071; 6,659,590, U.S. Patent Application Nos. 09/575,127; 09/575,152; U.S. Patent Nos. 6,328,417; 09/575,176; 6,382,779; 09/575,177; U.S. Patent Application Nos. 09/608,780; 09/693,079; U.S. Patent Nos. 6,854,825; 09/693,135; 6,684,503; 09/693,735; 6,672,707; 10/129,433; 6,793,323; 10/129,437; 6,676,245; 10/129,503; U.S. Patent Application Nos. 10/407,207; and 10/407,212; 10/683,064; Filing Docket Nos. JUM003 and 10/683,041; JUM004, U.S. Patent Application Nos.

Appln No. 10/760,255  
Amdt. Dated February 27, 2006  
Response to Office Action of December 1, 2005

5

6,755,50910/302,274; 6,719,40610/302,297; 6,824,24610/302,577; 6,736,48910/302,617;  
6,820,96710/302,618; 6,669,33310/302,644; U.S. Patent Application No. 10/302,668; U.S. Patent Nos.  
6,692,10810/302,669; 6,669,33410/302,712; U.S. Patent Application No. 10/303,348; U.S. Patent Nos.  
6,672,70910/303,352; and 6,672,71010/303,433, and Filing Docket U.S. Application Nos. 10/728,804MTB01  
to MTB14; 10/728,952; 10/728,806; 10/728,834; 10/728,790; 10/728,884; 10/728,970; 10/728,784;  
10/728,783; 10/728,925; U.S. Patent No. 6,962,402, U.S. Patent Application Nos. 10/728,803; 10/728,780 and  
10/728,779, the disclosures of which are all incorporated herein by reference. Some of the above applications  
have been identified by their filing docket number, which will be substituted with the corresponding application  
number, once assigned.